

FIG. 1

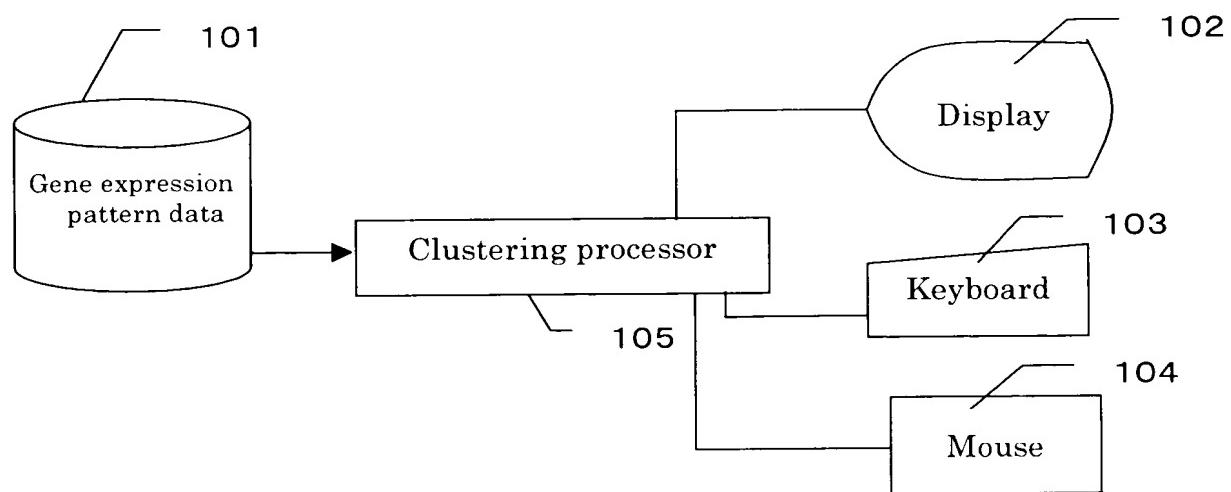


FIG. 2

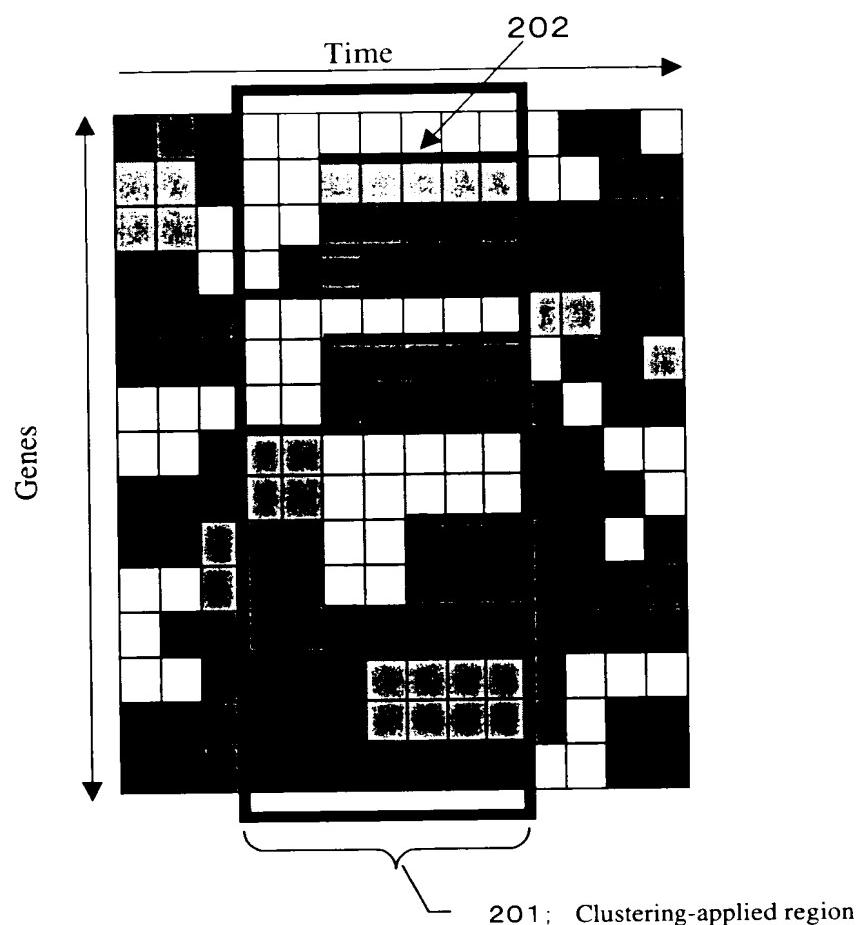


FIG.3

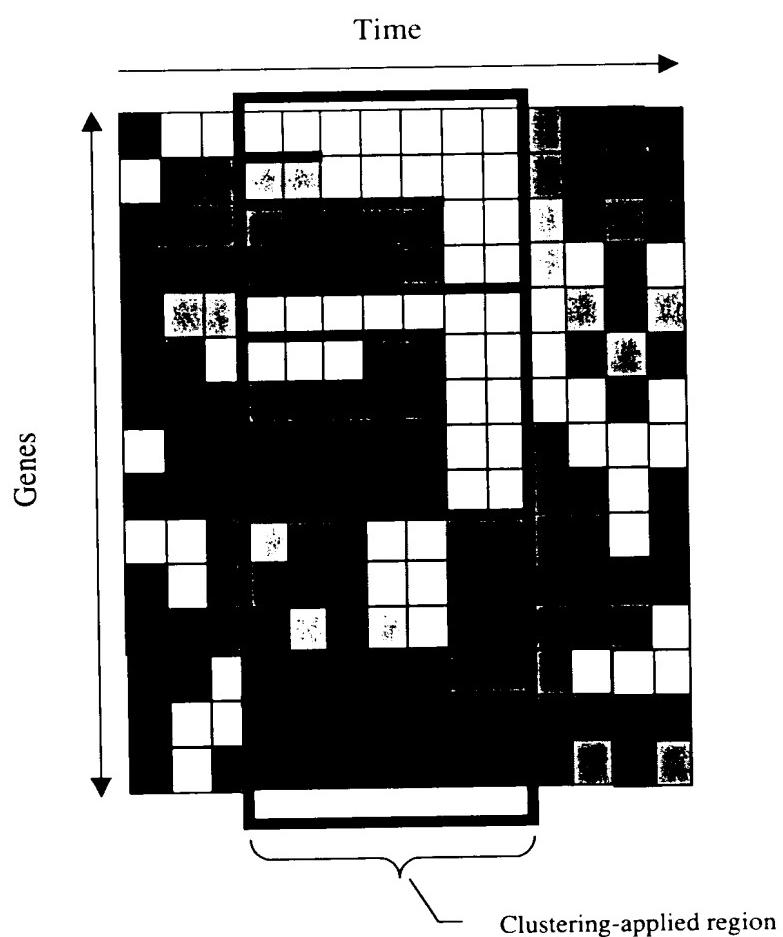


FIG. 4

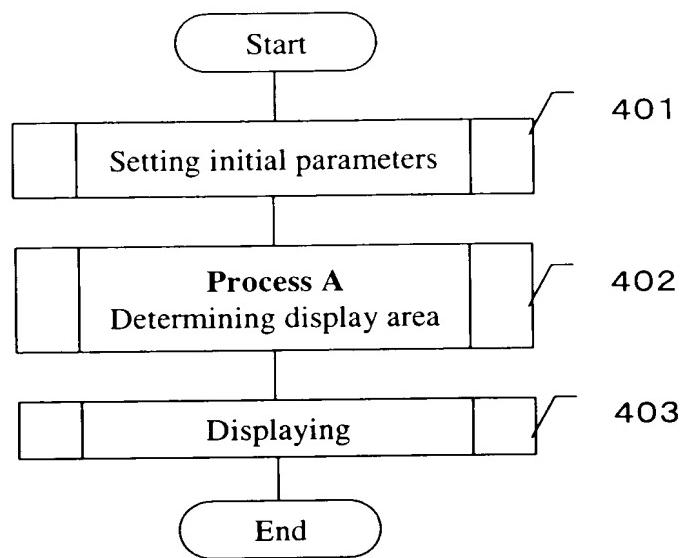


FIG. 5

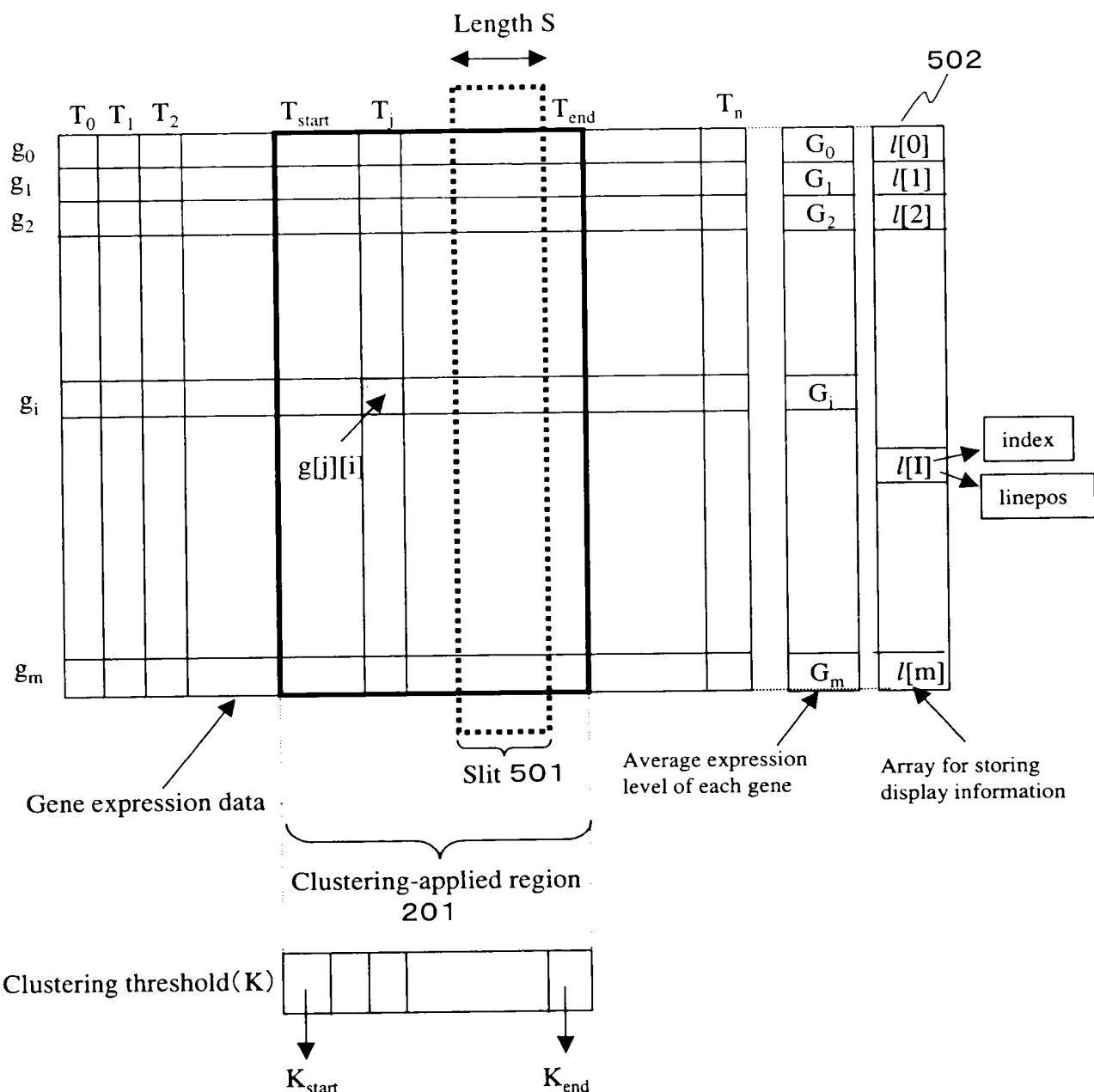


FIG. 6

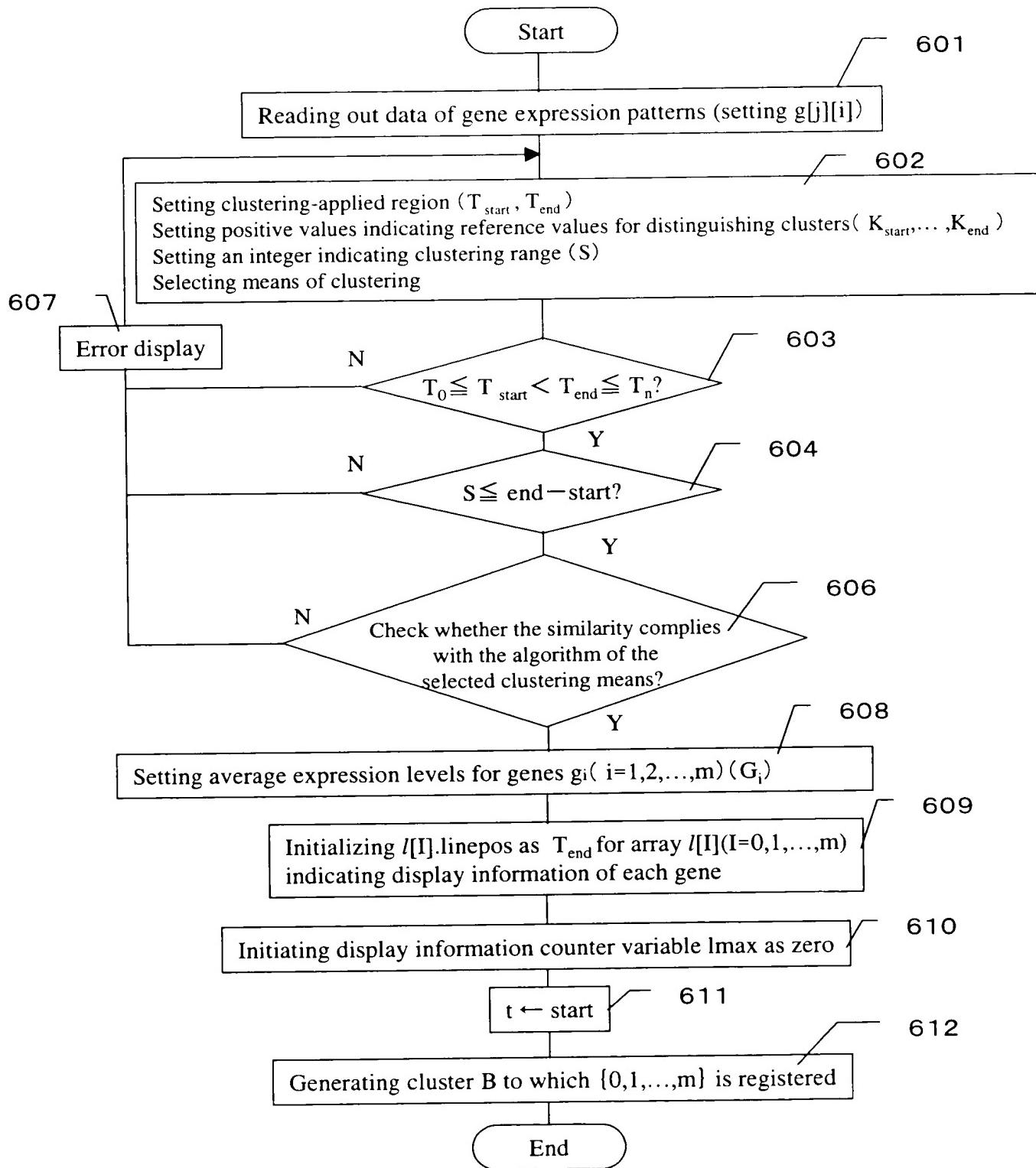


FIG. 7

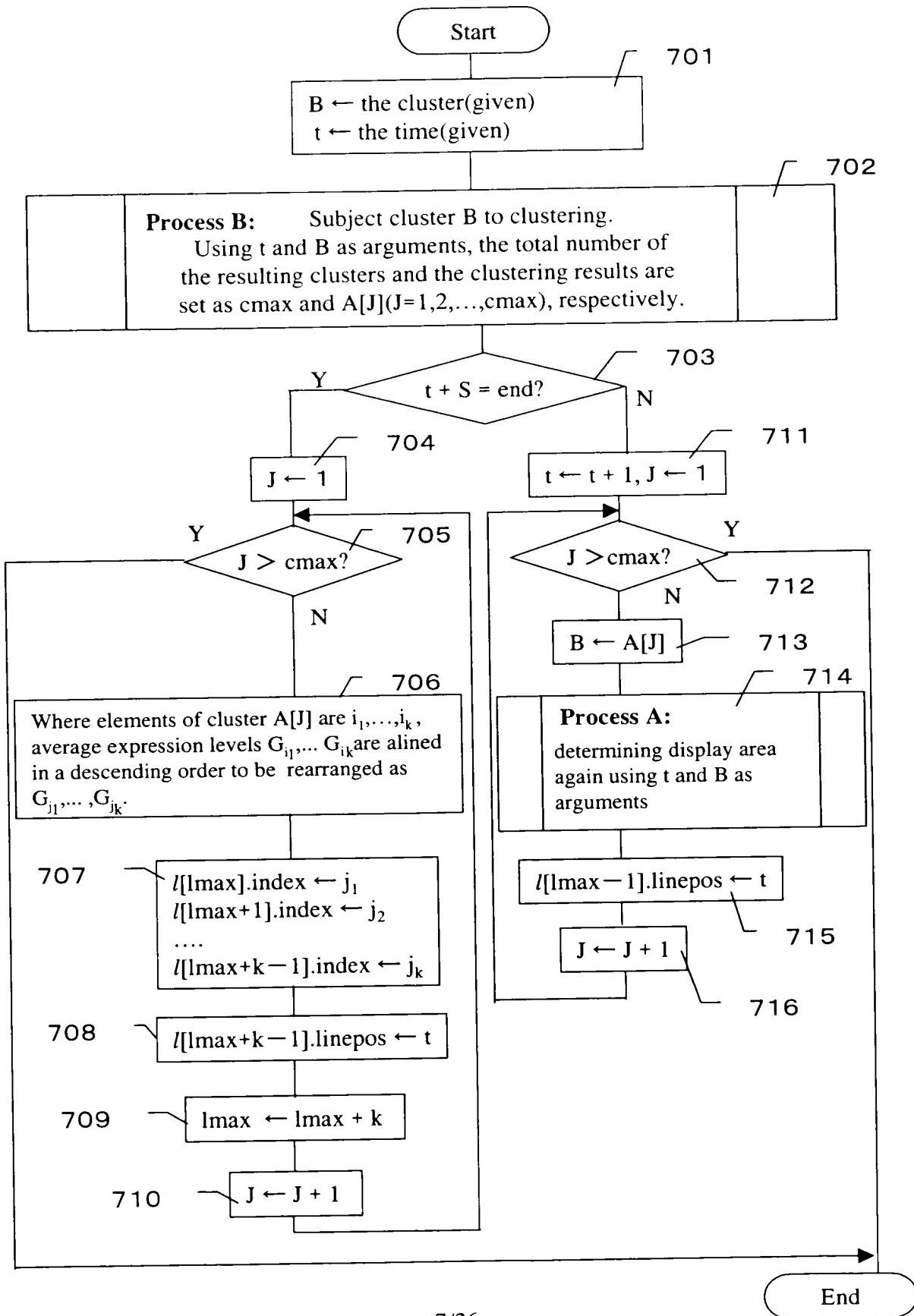


FIG. 8

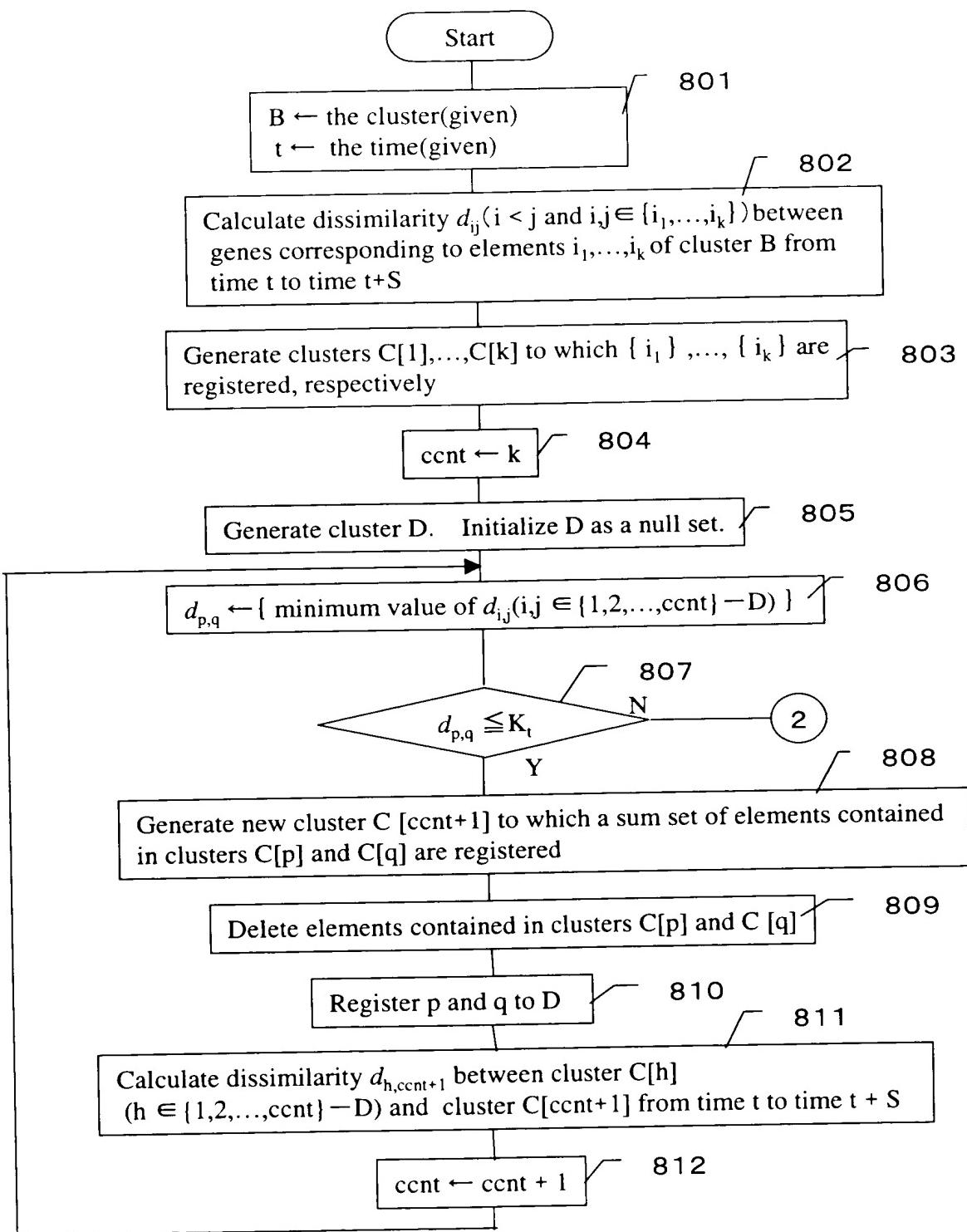


FIG. 9

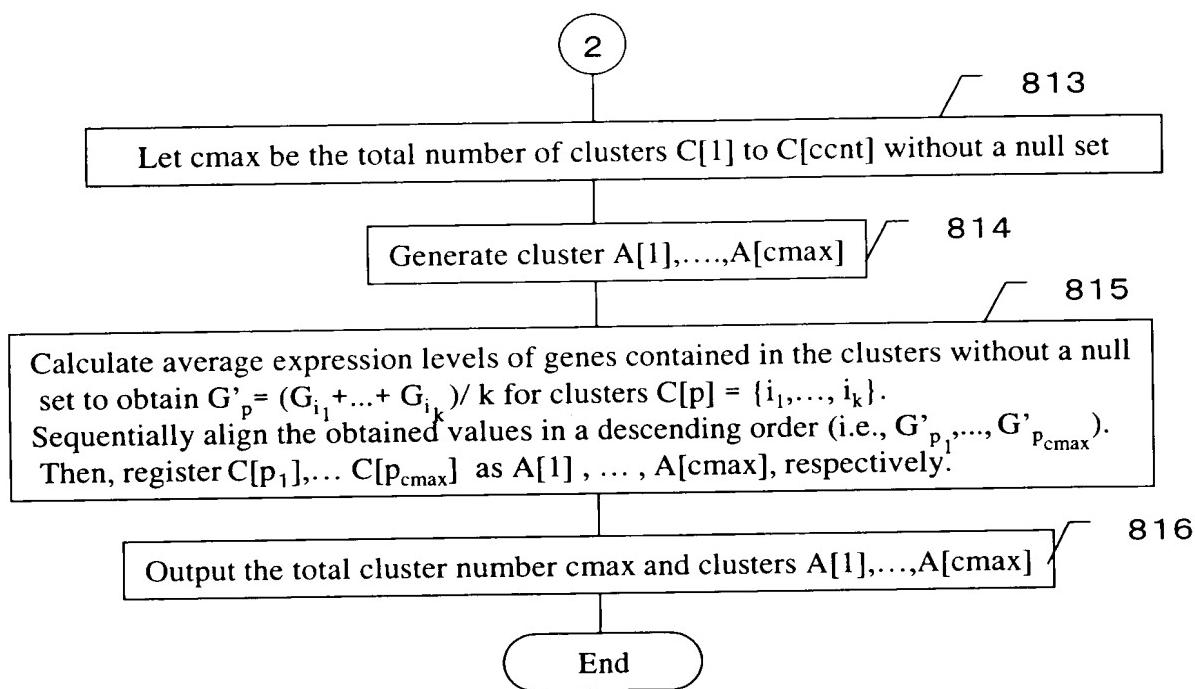


FIG. 10

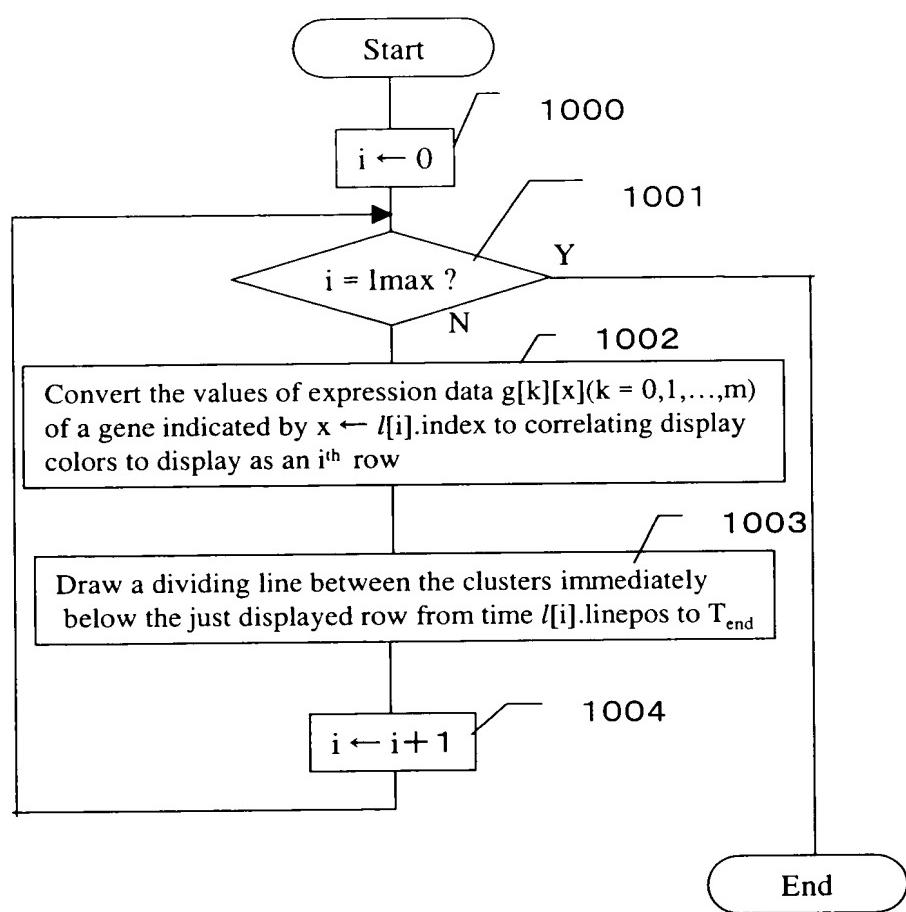


FIG.11

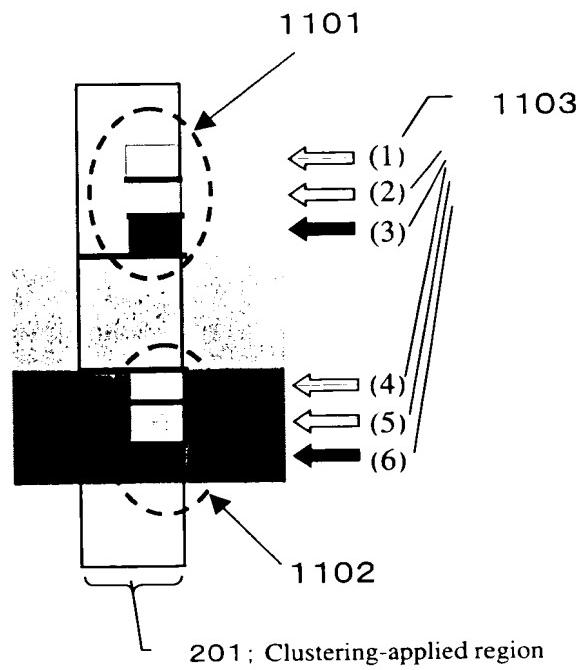


FIG.12

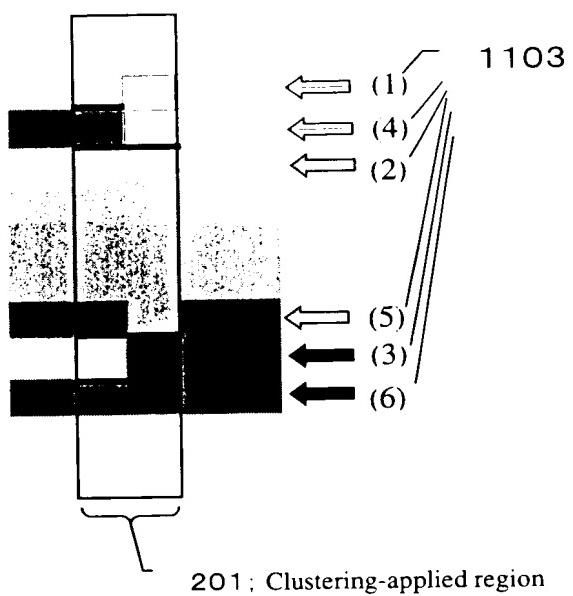


FIG.13

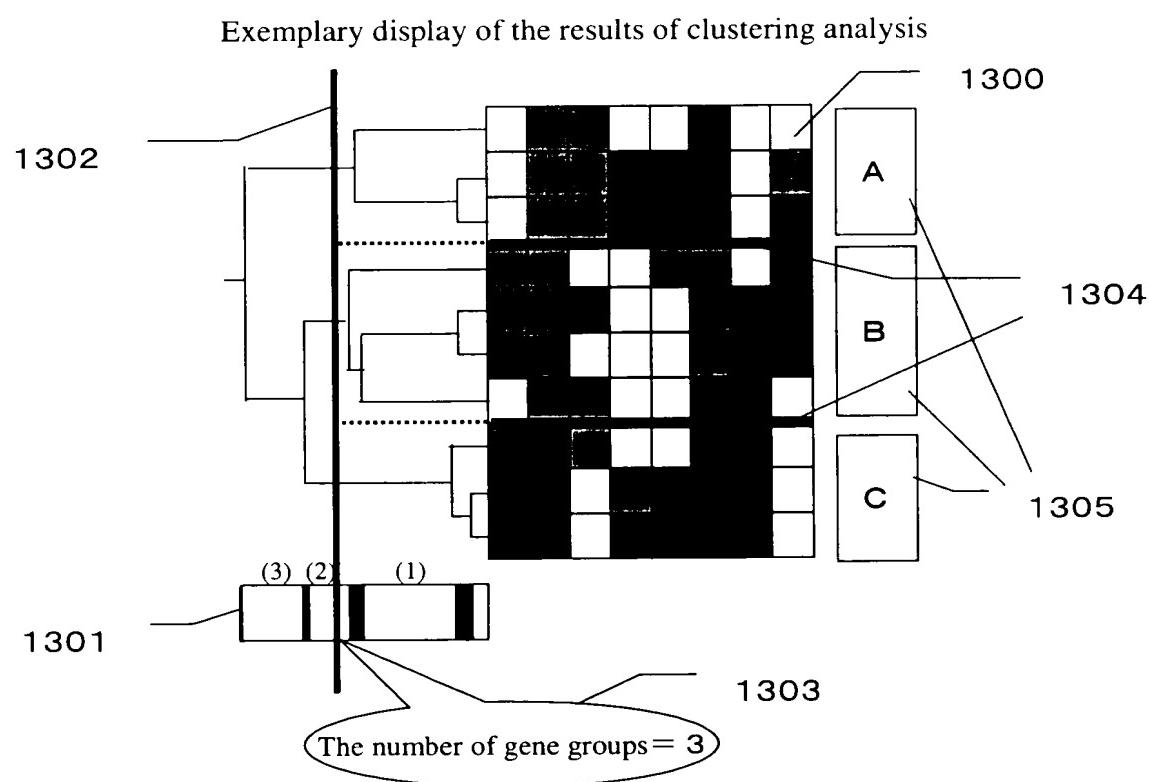


FIG.14

Example of gene expression pattern data

Gene ID (geneID)	Experiment cases										1402
	1	2	3	4	5	6	n	
1	0	1	2	0	3	2	0				
2	1	2	0	0	2	2	1				
:											
m	0	4	3	6	5	4	0				

m number of vector data

FIG.15

Example of cluster structures

cluster

Members	Value
type	leaf
left	
right	
distance	
geneID	17
level	0

1501

cluster

Members	Value
type	node
left	●
right	●
distance	91
geneID	
level	5

1502

cluster L
cluster R

FIG.16

Exemplary structure of cluster tree

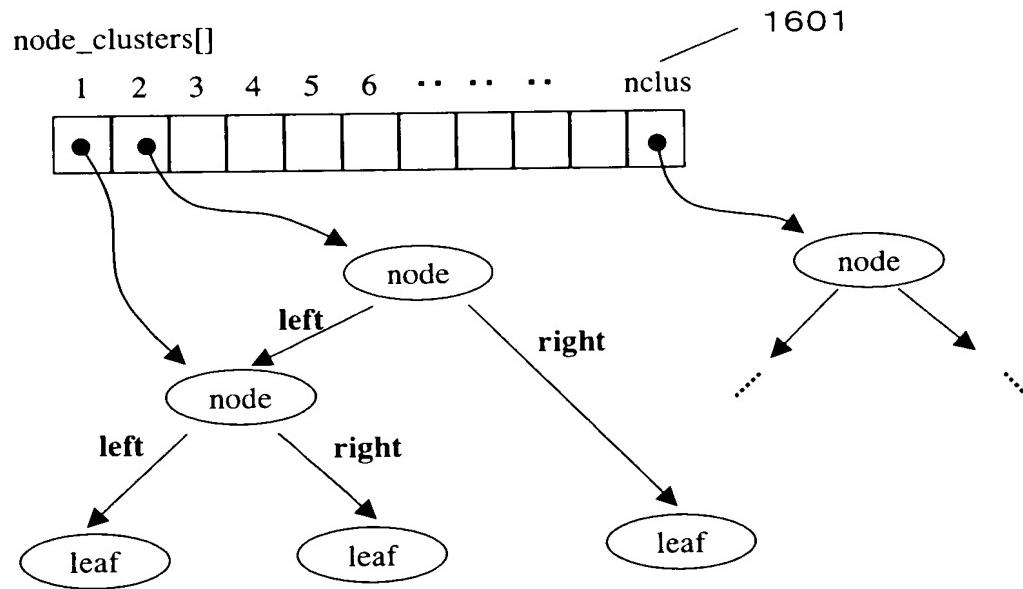


FIG.17

Exemplary display data

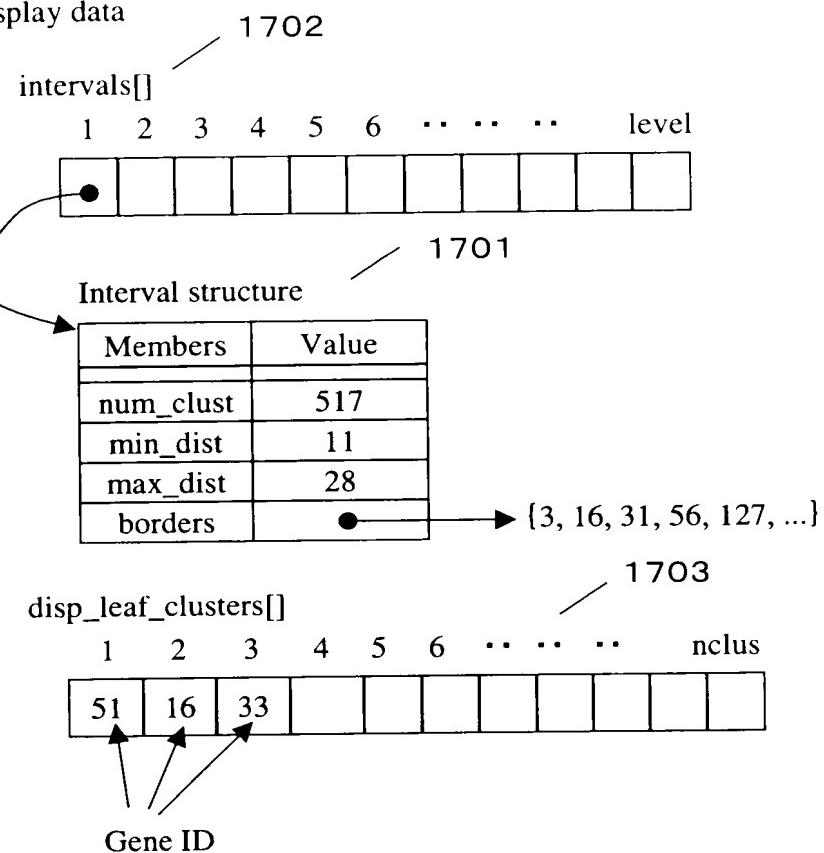


FIG.18

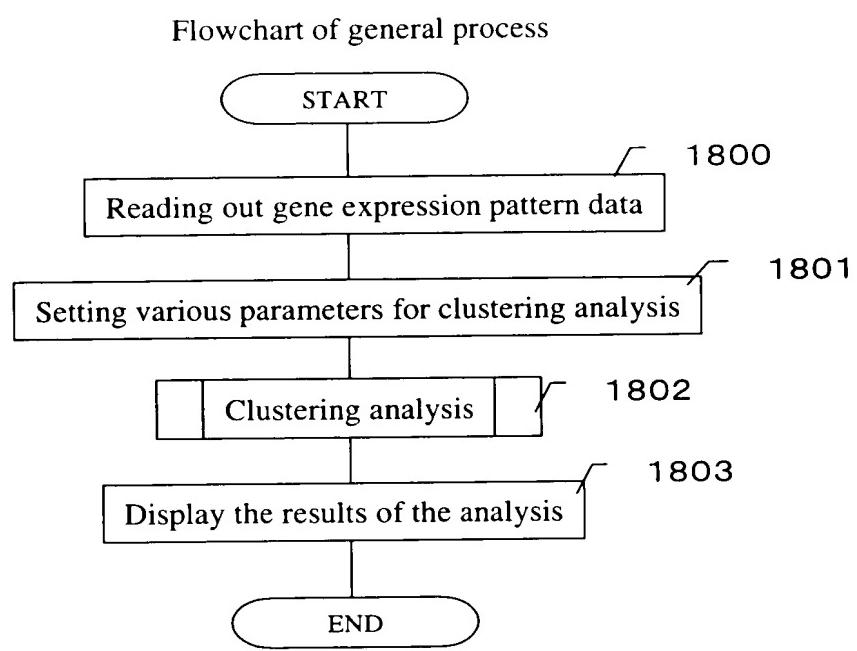


FIG.19

Detailed flowchart of clustering analysis (1: Generating cluster tree)

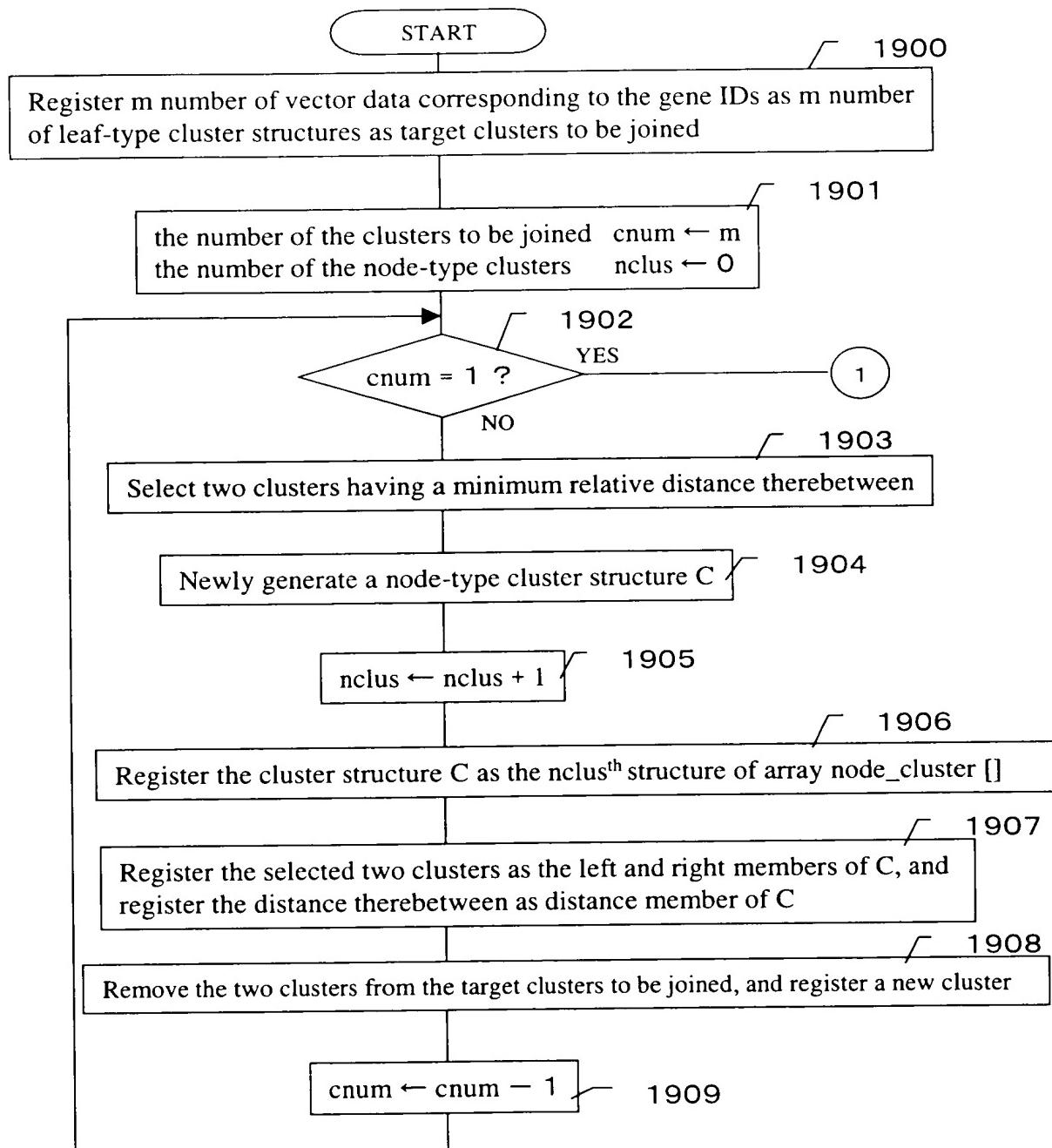


FIG.20

Detailed flowchart of clustering analysis (2: Setting cluster levels)

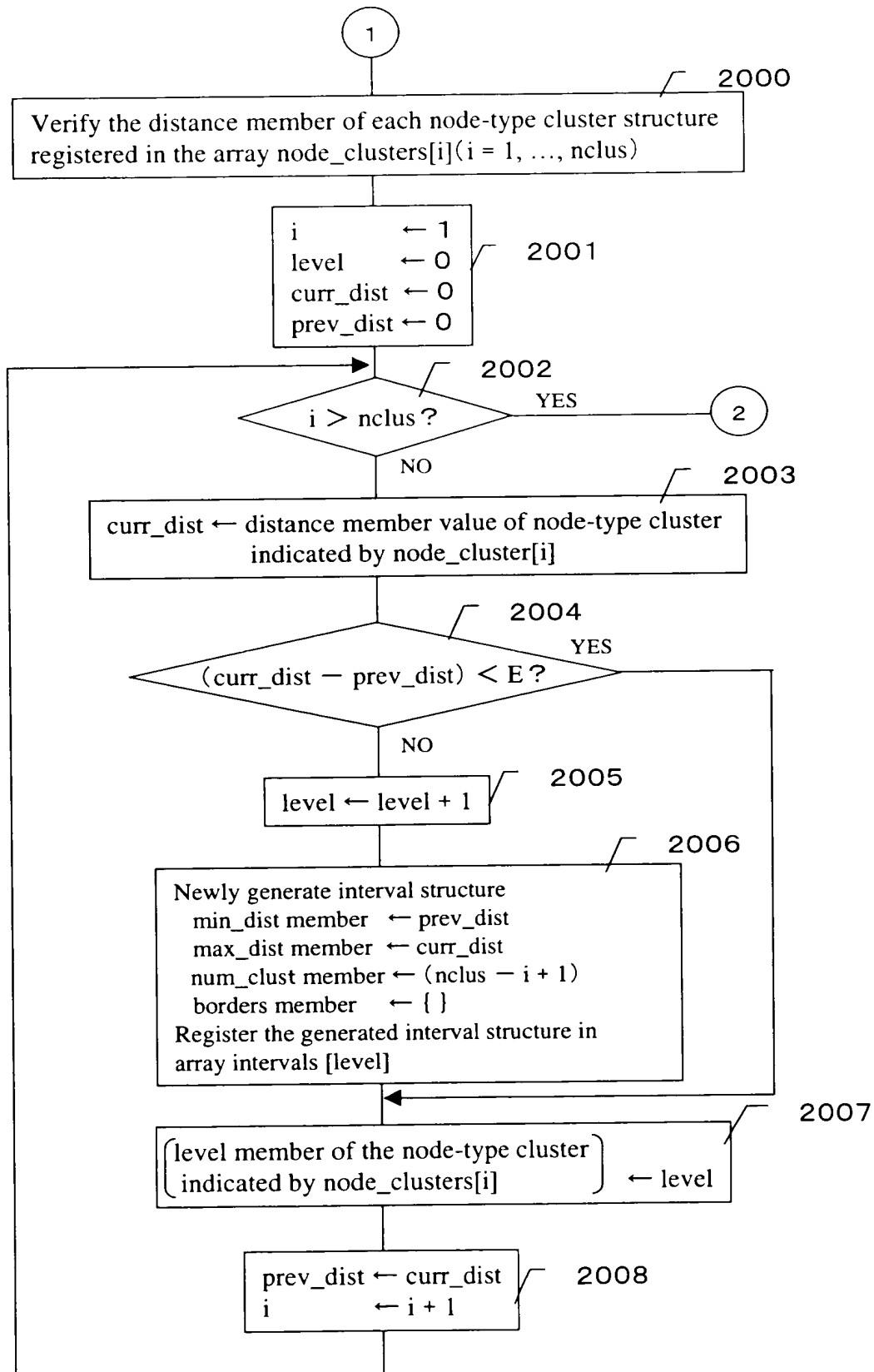


FIG.21

Detailed flowchart of clustering analysis (3: Generating display data)

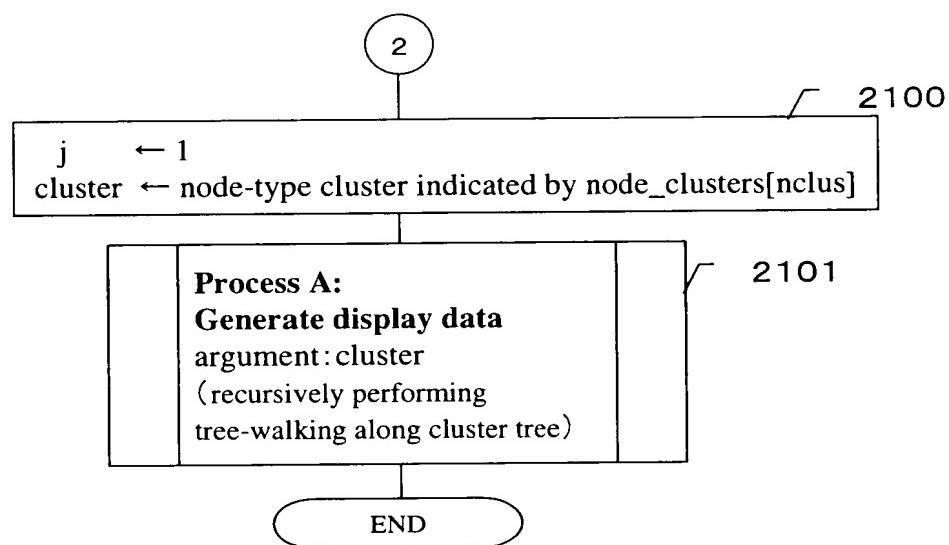


FIG.22

Flowchart of generating display data (Process A)

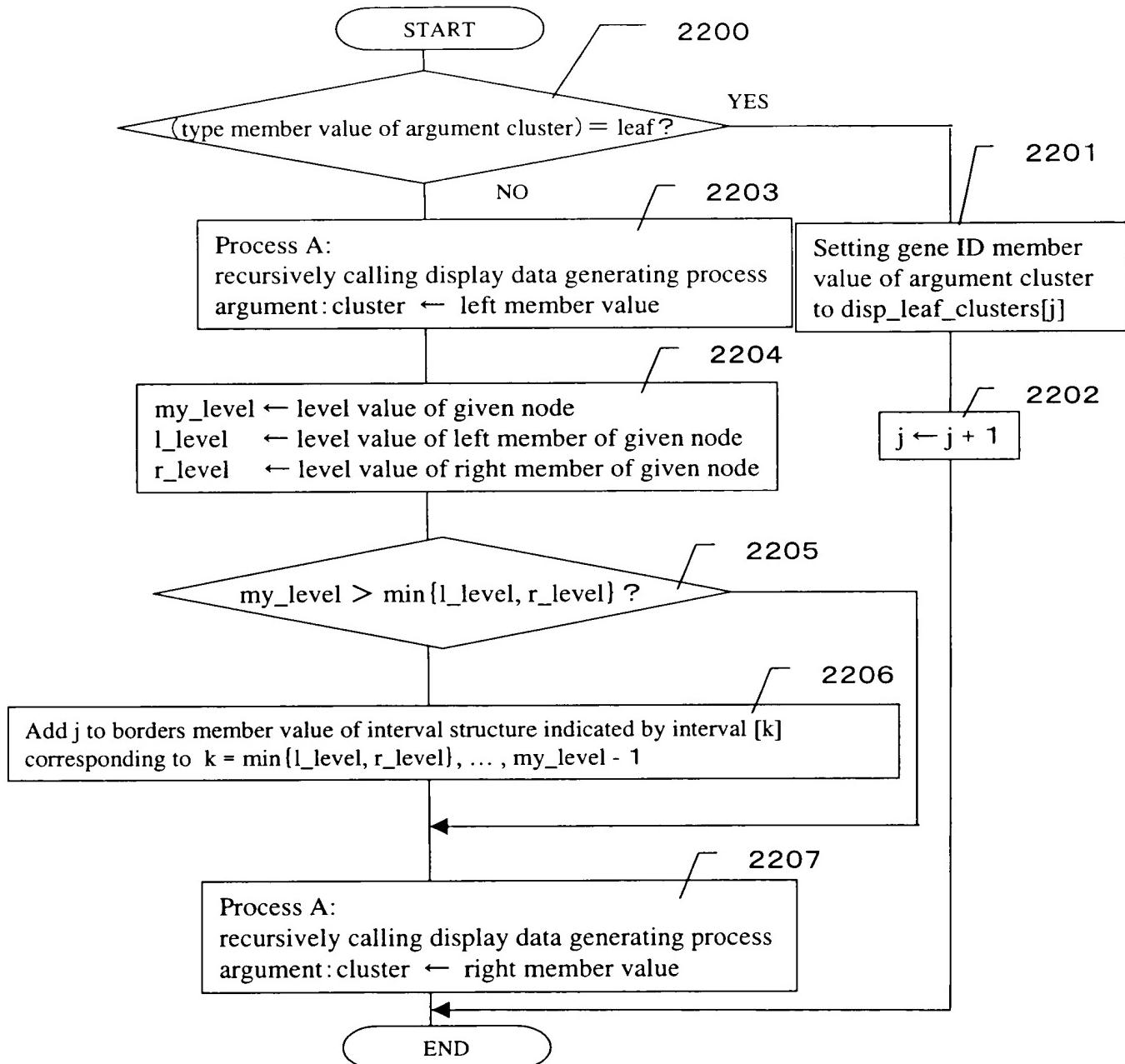


FIG.23

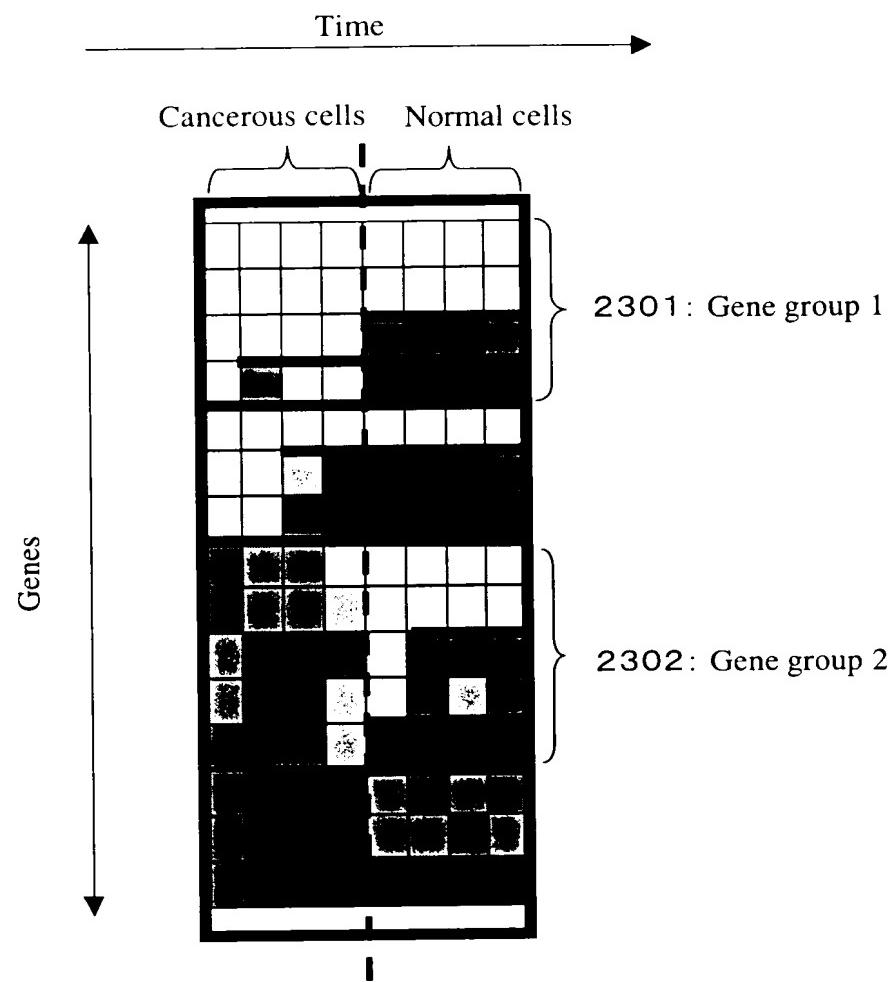


FIG.24

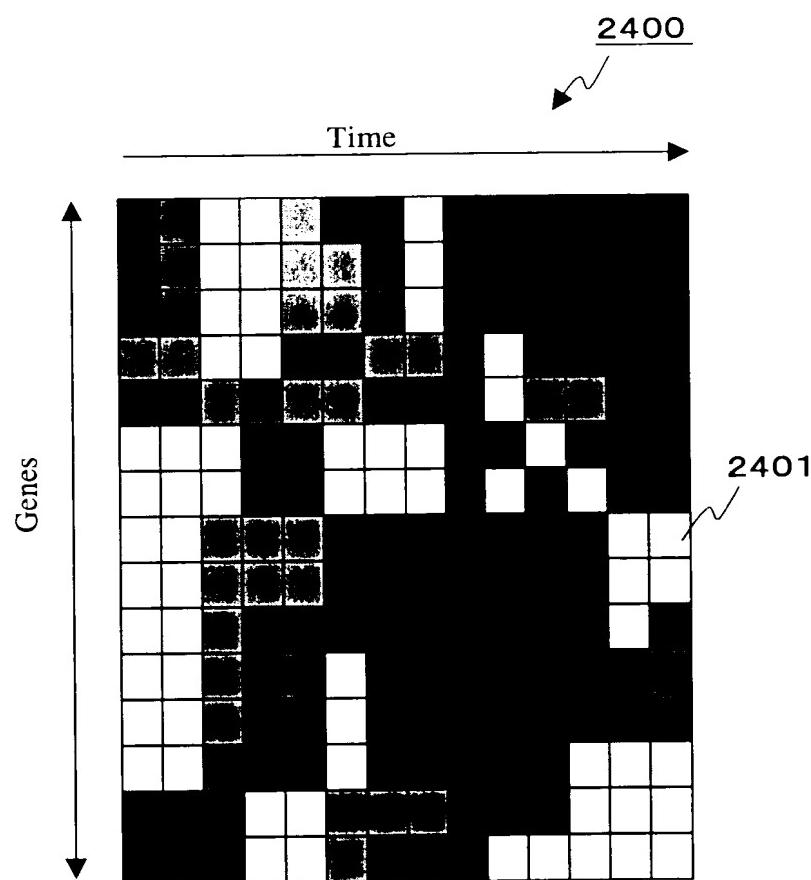


FIG.25

Exemplary display of standard clustering analysis

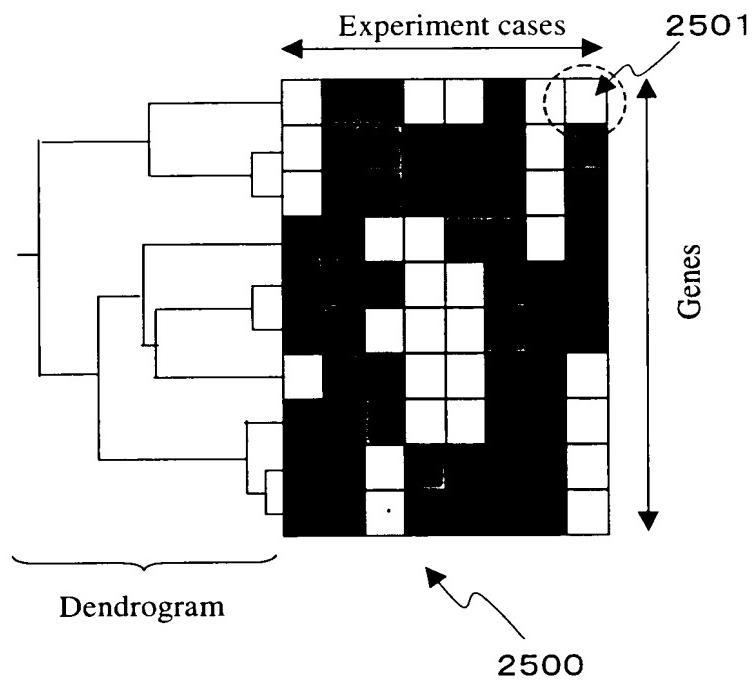
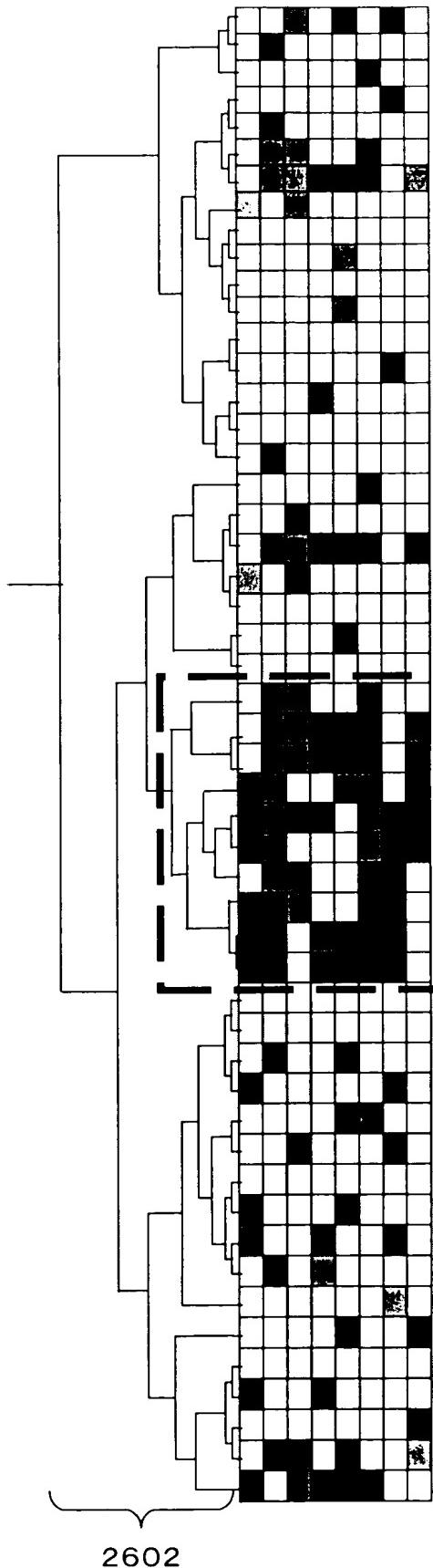


FIG.26



An exemplary display of the entire results of clustering analysis and a corresponding display of the targeted cluster tree

